

CERTIFICATE OF ANALYSIS

**Product: R & F® *Salmonella* (Nontyphoidal) Chromogenic
Plating Medium**

Code #: M-1300

Lot: 082520

Expiration Date: August 2025

1. Dehydrated Medium Appearance: Cream to tan color, free flowing with even particle size and homogeneous.
2. Solubility: 4.0% solution, soluble in deionized or distilled water at boil.
3. Loss on drying at 250°F at 30 minutes: 6.70%
4. Solution Appearance after boiling: Light pink to pink, slightly opalescent.
5. pH of a 4.0% solution at 25°C before adjustment: 6.71
6. Final pH at 25°C after adjustment: 7.28
7. Cultural Response: Medium was prepared per label instructions. Plates were inoculated by streaking the test organisms and incubated at 35 ± 1°C for 24-26 hours.

TEST ORGANISM	ATCC #	RECOVERY	COLONY DESCRIPTION
<i>Salmonella</i> Typhimurium	-----	Good Growth	Pink to red; 1.0-2.0 mm in diameter; with clear ring
<i>Salmonella</i> Typhi	19430	No Growth	-----
<i>Salmonella</i> Derby	-----	Good Growth	Pink to red; 2.0-3.0 mm in diameter; with clear ring
<i>Salmonella</i> Enteritidis	-----	Good Growth	Pink to red; 1.5-2.0 mm in diameter; with a clear ring
<i>Salmonella</i> Manhattan	-----	Good Growth	Pink to red; 1.5-2.0 mm in diameter; with a clear ring
<i>Pseudomonas aeruginosa</i>	15442	No Growth	-----
<i>Escherichia coli</i>	25922	Scant Growth	Clear to light green; pinpoint to 1.0 mm in diameter with no clear ring and with a precipitate
<i>Klebsiella pneumoniae</i>	4352	No Growth	-----
<i>Staphylococcus aureus</i>	6538	No Growth	-----

8. The results reported were obtained at the time of release. The product should be stored at 2-8°C and do not freeze.

Tested by: Laurence Restrepo

Date: 7/07/2020